

**FILE NOTATIONS**

Entered in MID File ..... ✓  
Location Map Pinned ..... ✓  
Card Indexed ..... ✓

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

**COMPLETION DATA:**

Date Well Completed .....  
W..... WW..... TA.....  
GR..... OS..... BA.....

Location Inspected .....  
Bond released .....  
State or Fee Land .....

**LOGS FILED**

Driller's Log.....  
Electric Logs (No.) .....  
E..... I..... Dual I Lat..... GR-W..... Micro.....  
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....  
CBLog..... CCLog..... Others.....

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

\*\* FILE NOTATIONS \*\*

Date: July 9, 1979

Operator: Inland Fuels Corporation

Well No: Federal 23-2

Location: Sec. 23 T. 20S R. 23E County: Grand

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number: 43-019-30543

CHECKED BY:

Administrative Assistant: Sent Unorthodox  
letter on 7/13/79 - Bonnie  
Remarks:

Petroleum Engineer: M. J. Minder 9-14-79  
Unortho 132 from K. Du.  
Remarks:

Director: \_\_\_\_\_  
Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 102-16 8-22-79

Surface Casing Change   
to \_\_\_\_\_

Rule C-3(c), Topographic exception/company owns or controls acreage  
within a 660' radius of proposed site

O.K. Rule C-3

O.K. In \_\_\_\_\_ Unit

Other:

Letter Written/Approved  
Wtm

#3

920-15665



SCOTT M. MATHESON  
Governor

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

CLEON B. FEIGHT  
*Director*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON  
*Chairman*

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
CONSTANCE K. LUNDBERG  
EDWARD T. BECK  
E. STEELE McINTYRE

July 13, 1979

Inland Fuels Corporation  
2121 South Columbia  
Tulsa, Oklahoma 74114

Re: Inland Fuels Corporation  
Well No. Federal 23-2  
Sec. 23, T. 20S, R. 23E,  
Grand County, Utah

Dear Sir:

The State of Utah, General Rules and Regulations, and Rules of Practice and Procedure, amended March 22, 1978, Rule C-3, "General Well Spacing Requirements" reads as follows:

- (a) The spacing of wells in pools for which drilling units have been established shall be governed by special rules for that particular pool.
- (b) All wells drilled for oil and/or gas which are not within an area covered by a special area spacing rule or which are not within a pool for which drilling units have been established, shall be located not less than 500 feet from any property or lease line or from the boundary of any legal subdivision comprising a governmental quarter-quarter section or equivalent lot or lots of comparable size and location and not less than 1000 feet from any oil well, or 4960 feet from any gas well, unless otherwise specifically permitted by order of the Commission after notice and hearing, unless an exception is granted by the Commission pursuant to Rule C-3(c).
- (c) The Commission may grant an exception to the requirements of (b) above as to the situs of a particular well location, without notice and hearing, where an application has been filed in due form and;

Inland Fuels Corporation  
July 13, 1979  
Page 2

- (1) The necessity for an unorthodox location is based on topographical, and/or geological conditions, and;
  - (2) The ownership of all oil and gas leases within a radius of 660 feet of the proposed location is common with the ownership of the oil and gas leases under the proposed location, or all owners of oil and gas leases within such radius consent in writing to the proposed location.
- (d) Whenever an exception is granted, the Commission may take such action as will offset any advantage which the person securing the exception may obtain over other producers by reason of the unorthodox location.
- (e) The spacing requirements of this rule shall not apply in cases where, in the opinion of the Commission, engineering practices have proven otherwise.

Your location appears to be an unorthodox well location and if it cannot be relocated to comply with Rule C-3(b) please submit an application for exception as outlined in Rule C-3(c).

You are also requested to furnish substantial information and data to support your application for an exception location. This may be in the form of a statement as to why this well cannot be located on general spacing and must be placed at the proposed location; it may include charts, maps, letters or other data which will provide this Division sufficient information on which to base a decision.

Yours very truly,

DIVISION OF OIL, GAS, AND MINING



Michael T. Minder, Geological Engineer

MTM/lw

M

W. DON QUIGLEY

OIL AND MINERALS CONSULTANT  
SUITE 440, 57 W. SO. TEMPLE - SALT LAKE CITY, UTAH 84101

July 25, 1979



Mr. Mike Minder  
Division of Oil & Gas  
Department of Natural Resources  
1588 West North Temple  
Salt Lake City, Utah 84116

*No application yet - 8/10/79*

Re: Position of Inland Fuels  
Fed. #23-2 Well - Sec. 23-  
20S-23E

Dear Mike:

The location of the Inland Fuels Corp. Fed. #23-2 well in the SESE of Section 23-20S-23E is only 132' from the  $\frac{1}{4}$  line due to topographic, geological reasons, and distance from prior well locations.

The topography in the area of the well site has a number of washes and small hills which make the selection of a fairly level site for the well location quite restricted. Since the BLM is opposed to smoothing out hill tops and filling shallow ravines, the site was chosen to minimize changes in the contour of the land. In addition to the topographic consideration, as shown on Map #2, a fault is located near the SE section corner of Section 23 and the well had to be placed the proper distance from this fault to minimize the chance of getting a dry hole. The site was also selected to insure being the required 2640' from a previous well.

Since Inland Fuels controls the oil and gas lease on the S $\frac{1}{2}$  and NE $\frac{1}{4}$  of Section 23, the location is 932' from their closest lease line. It is therefore requested that an exception be granted for the above reasons to the normal spacing rule presently in force for the Cisco Springs area.

Sincerely yours,

*W. Don Quigley*

W. Don Quigley

WDQ:sb

August 28, 1979

Inland Buels Corporation  
2121 South Columbia  
Tulsa, Oklahoma 74114

Re: Well No. Federal #11-1A, Sec. 11, T. 20S, R. 23E., Grand County, Utah  
Well No. Federal #23-2, Sec. 23, T. 20S, R. 23E., Grand County, Utah

Dear Sir:

We request that you examine your APD's on the above referenced wells to see if they meet the requirements of Cause No. 102-16 which amends Field Rules 1-2 and 2-2. A copy of the memorandum on the Order issued by the Board of Oil, Gas and Mining has been included for your information. Should you wish to pursue these applications please furnish additional information required under Cause No. 102-16 and if necessary, make application or appear before the Board.

If in view of the rule changes you choose to resubmit or withdraw your applications, please inform this office so that we may know your decision and act upon it.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
Geological Engineer

MTM:btm

cc

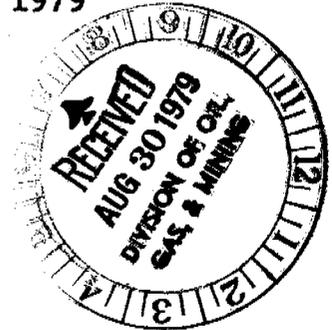
Enc.

W. DON QUIGLEY

OIL AND MINERALS CONSULTANT  
SUITE 440, 57 W. SO. TEMPLE - SALT LAKE CITY, UTAH 84101

August 27, 1979

Mr. Mike Minder  
Oil & Gas Division  
Dept. of Natural Resources  
1588 West North Temple  
Salt Lake City, Utah 84116



Dear Mike:

Enclosed herewith is a copy of the oil and gas lease ownership (Lease #U-42223) of Inland Fuels Corporation in T 20S, R 23E. The proposed well sites in Section 23 and 22 of this township are on this lease.

Also enclosed is the revised survey plat for the #23-2 well showing the moving of the site 68' to the East, which qualifies it under the new ruling.

Sincerely yours,

*W. Don Quigley*  
W. Don Quigley

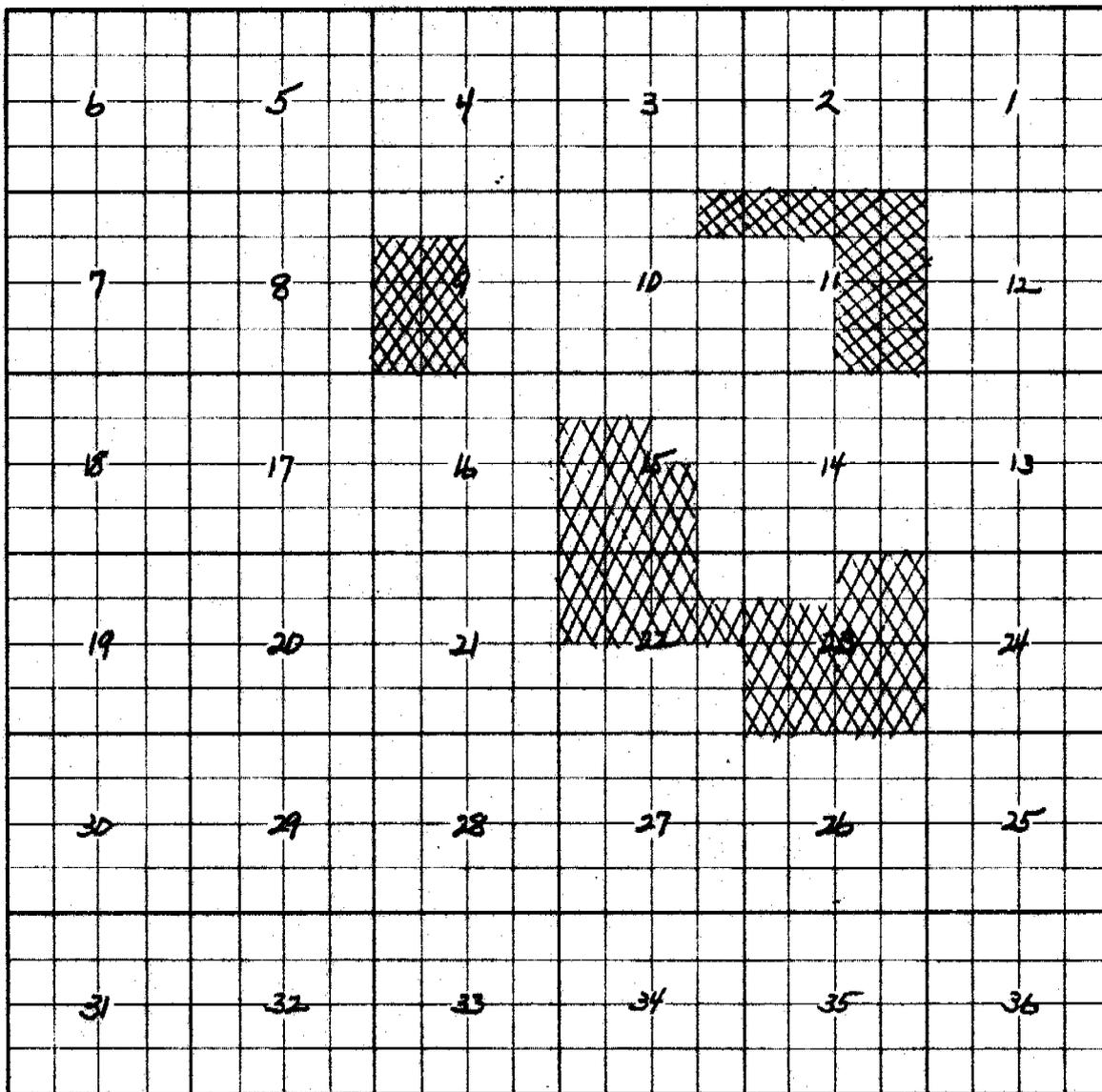
WDQ:sb  
Enclosure

cc: Inland Fuels Corporation  
2121 South Columbia  
Tulsa, Oklahoma 74114

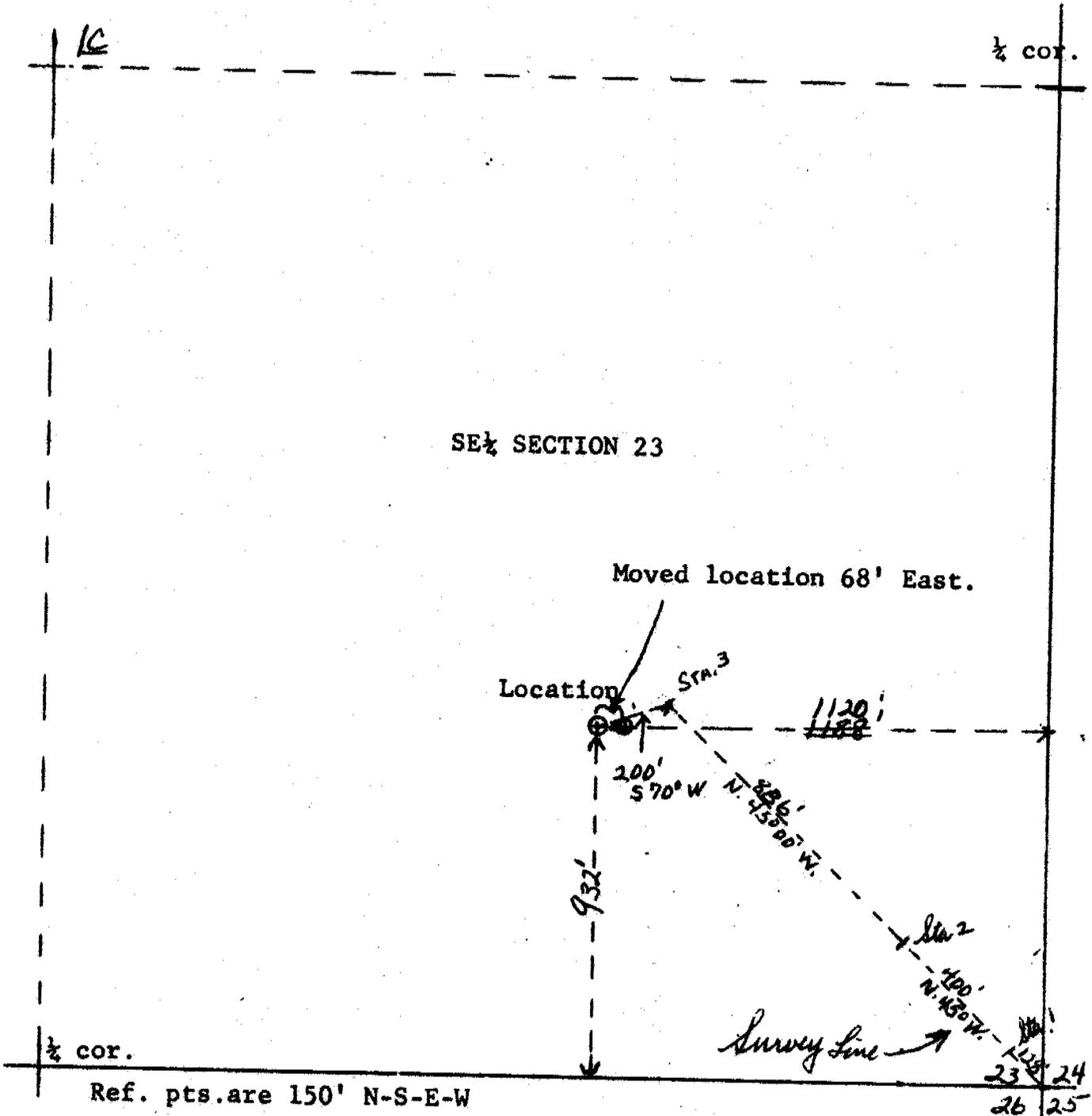
TOWNSHIP 20S RANGE 23E COUNTY Grand County STATE Utah

REMARKS: Lease #U-42223

COMPANY Inland Fuels Corp.  
2121 South Columbia  
Tulsa, Oklahoma 74114



LOCATION PLAT FOR  
 INLAND FUELS CORPORATION  
 FED.#23-2 WELL  
 SE.SE.SEC.23-20S-23E  
 (1180' fr.E-line & 932' fr.S-line)  
 1120' GRAND COUNTY, UTAH  
 Elev.: 4652' grd.



1/4 cor.

Ref. pts. are 150' N-S-E-W

I, Sherman D. Gardner, do hereby certify that this plat was plotted from notes of a field survey made under my direct supervision, responsibility and checking on May 30, 1979

Scale: 1 in. = 400 ft.  
 Date: June 15, 1979

*Sherman D. Gardner*  
 Registered Land Surveyor  
 State of Utah #1556

PLAT NO. 1

September 19, 1979

Inland Fuels Corporation  
2121 South Columbia  
Tulsa, Oklahoma 74114

Re: Well No. Federal 23-2  
Sec. 23, T. 20S, R. 23E.,  
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 102-16 dated August 22, 1979.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER  
Geological Engineer  
Office: 533-5771  
Home: 876-3001

or

FRANK M. HAMNER  
Chief Petroleum Engineer  
Office: 533-5771  
Home: 5317827

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30543.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
Geological Engineer

/btm

cc: USGS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Inland Fuels Corp.

3. ADDRESS OF OPERATOR  
 2121 South Columbia, Tulsa, Okla 74114

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface SE. SE. Section 23, T 20S, R 23E, S.L.M.  
 At proposed prod. zone ~~1188'~~ 1120' fr. E-line and 932' fr. S-line

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 5 miles NE. of Cisco, Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 932'

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2640'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4652' grd; 4662' K.B.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24.00#	150'	80 sks <i>Contd. to Sur</i>
7 7/8"	4 1/2"	10.50#	Thru pay-zones	- cemented to 200' above Kd.

It is planned to drill a well at the above location to test the gas production possibilities of the sands in the Dakota, Cedar Mt., and Morrison formations. The well will be drilled to a point which is near the top of the Entrada formation or to commercial production, whichever is at the lesser depth. The well will be drilled with rotary tools, using air for circulation. The surface casing will be set at about 150 ft., and cemented with returns to the surface. A blowout preventer with hydraulically operated blind and pipe rams will be installed on top of the surface casing, and a rotating head will be used on top of the blowout preventer. Fill and kill lines (2") will be connected below the blind rams. Any gas encountered will be flared at the end of the blowout line, and roughly checked for volume thru 2" line after the pipe rams have been closed. A float valve will be used in the bottom drill collar at all times. A prognosis for the well is attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *E. W. Guyann* TITLE President DATE July 2, 1979

(This space for Federal or State office use)

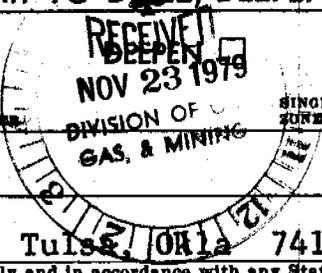
PERMIT NO. (Orig. Sgd.) E. W. GUYNN APPROVAL DATE DISTRICT ENGINEER DATE NOV 20 1979

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY  
 \*See Instructions On Reverse Side

NOTICE OF APPROVAL

*Utah O. & G.*



5. LEASE DESIGNATION AND SERIAL NO. U-42223  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME Federal  
 9. WELL NO. #23-2  
 10. FIELD AND POOL, OR WILDCAT Cisco Springs  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE. SE. Sec 23-20S-23E S.L.M.  
 12. COUNTY OR PARISH Grand Utah  
 13. STATE Utah  
 22. APPROX. DATE WORK WILL START\* July 30, 1979

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, G, SALT LAKE CITY, UTAH

SUBJECT: WAPD MINERAL EVALUATION REPORT

LEASE NO. U-42223

OPERATOR: Inland Fuels Corp.

WELL NO. 23-2 Federal

LOCATION: ½ SE ½ SE ¼ sec. 23, T. 20S, R. 23E, SLM

Grand County, Utah

1. Stratigraphy: Operator stratigraphy is reasonable.

	<u>Depth to Top</u>	<u>Thickness</u>	<u>Datum</u>
Mancos	Surf.	1362	4662 KB.
Dakota	1362	100	3300
Cedar Mtn.	1462	90	3200
Morrison (Br. Basin)	1552	280	3110
(Saltwash)	1832	250	2830
Curtis - Summerville	2082	80'	2580
Entrada	2162	-	2500

2. Fresh Water:

Fresh/usable water may be encountered in the lenticular sands of the Mancos.

3. Leasable Minerals:

Prospectively valuable for coal in the Dakota.  
Coal should be thin and lenticular.

4. Additional Logs Needed:

Log of cuttings in the coal zone should be submitted upon completion of the well.

5. Potential Geologic Hazards: None anticipated.

6. References and Remarks:

Map: I-736  
Bull - 852

U.S.G.S. Files, SLC

1 mile south of Cisco Springs KGS.

Signature: J Paul Matheny

Date: 7-13-79

United States Department of the Interior  
 Geological Survey  
 8440 Federal Building  
 Salt Lake City, Utah 84138

## Usual Environmental Analysis

Lease No. U-42223

Operator Inland Fuels Corp. Well No. 23-2

Location 1120 1188 FEL 932' FSL  
2320' FWL 375' FNL Sec. 23 T. 20S R. 23E

County Grand State Utah Field Cisco Springs

Status: Surface Ownership Public Minerals Federal

Joint Field Inspection Date August 13, 1979

## Participants and Organizations:

<u>Don Quigley</u>	<u>Operator</u>
<u>John Evans</u>	<u>U. S. Geological Survey</u>
<u>Bob Kershaw</u>	<u>Bureau of Land Management</u>
<u>Al Sanford</u>	<u>Mike's Water &amp; Dozer Service</u>

## Related Environmental Analyses and References:

- (1) Book Mountain Unit Resource Analysis  
 Bureau of Land Management  
 Utah

Analysis Prepared by: John T. Evans  
 Environmental Scientist  
 Grand Junction, Colorado

Date August 14, 1979

NOTED JOHN T. EVANS, JR.

*Pad 175 x 230  
 Pit 20 x 100  
 3/10 mi 20' wide access  
 2 mi off road access  
 Flow line not in ch  
 Strike pit top soil  
 2 ac  
 Arch for Reprimed  
 → Strip Pg 6*

Proposed Action:

On July 3, 1979, Inland Fuels Corp filed an Application for Permit to Drill the No. 23-2 development well, a 2525' gas test of the Dakota, Cedar Mountain, and Morrison Formations; located at an elevation of 4652' in the SE $\frac{1}{4}$  SE $\frac{1}{4}$ , Sec 23, T20S, R23E, on Federal mineral lands and Public surface; lease No. U-42223. There was no objection raised to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Freshwater sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan is on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City, Utah.

A working agreement has been reached with Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 175' wide x 250' long and a reserve pit 20' x 100'. A new access road would be constructed 20' wide x 0.3 mile long and upgrade from an existing truck trail for approximately two miles from an existing and improved road. The operator proposes to construction production facilities on disturbed area of the proposed drill pad. If production is established, Plans for a gas flowline would be submitted to the appropriate agencies for approval. The anticipated starting date is August 1979 and duration of drilling activities would be about seven days.

Location and Natural Setting:

The proposed drillsite is approximately 5 $\frac{1}{2}$  miles NE of Cisco, Utah, the nearest town. A truck trail runs to within 3000' of the location. This well is in the Cisco Springs Field.

Topography:

The proposed location is on a hillside that slopes gently to the NE. A small arroyo drains on the side of location. Operator would reroute drainage around side of pad.

Geology:

The surface geology is Mancos. The soil is silty sands and gravels. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist but would be minimized by air drilling. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U. S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

#### Soils:

No detailed soil survey has been made of the project area. The topsoils in the area range from a sandy clay to a shale type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Topsoil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately two acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

#### Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated. Operator would control dust from blow line by mixing or other acceptable means.

#### Precipitation:

Annual rainfall should range from about 8 to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rainstorms. This type of storm is rather uncommon as the annual precipitation is around 8".

Winds are medium and gusty, occurring predominantly from SE to NW. The climate is semiarid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

#### Surface Water Hydrology:

Drainage is through several unnamed washes which are subdrainage elements of Danish Wash which drains to the Colorado River 12 miles to the south. Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean up all spills or leaks.

#### Groundwater Hydrology:

Some minor pollution of groundwater systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination, and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of freshwater formations are listed in the 10-Point Subsurface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Plants in the area are of the salt-desert shrub types grading to the pinyon-juniper association several miles to the north.

Proposed action would remove about two acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area. The fauna of the area consists predominantly of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

As on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and are judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads.

The overall effect of oil and gas drilling and production activity is significant in Grand County but it is difficult to assess the environmental impact of a single well on state and/or national levels. However, if said well was to produce in sufficient quantity, additional development wells might be anticipated. This additional development, in turn, would lead to greater environmental and socioeconomic consequences.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Book Mountain Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

#### Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

#### Alternatives to the Proposed Action:

1) Not Approving the Proposed Permit--The Oil and Gas Lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration.

2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Proposed Stipulations of Approval:

~~Private surface agreement required for access road.~~ NO K

Drill pad was rotated 90° to place blooie/reserve pit out of drainage.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately two acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for subsurface damage to freshwater aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution to the Danish Wash system would exist through leaks and spills.

If well is a producer, other development wells would be anticipated with substantially greater environmental and economic impacts.

Determination:

This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Sec. 102(2)(C).

Date

8/30/79

*E. L. ...*

District Engineer  
U. S. Geological Survey  
Conservation Division  
Oil and Gas Operations  
Salt Lake City District



Rotate pad to Acid pits in  
wash -

23-2

NOTED JOHN T. EVANS, JR.

**PROGNOSIS FOR  
INLAND FUELS CORP.  
FEDERAL #23-2 WELL**

Location: SE. SE. Section 23, T 20S, R 23E, S.L.M., Grand County,  
Utah (932' from S-line and ~~1100'~~ <sup>1120'</sup> from E-line)

Elevations: 4652' grd; 4662' K.B.

Surface Casing: 150' of 8 5/8", 24.00#, K-55, R-3 casing set and cemented with 80 sks cement w/3% CaCl; with returns to surface. The surface hole (11") will be drilled to 150 ft. K.B. and will be no more than 1° deviation.

Expected Formation Tops:

<u>Formation</u>	<u>Depth to Top</u>	<u>Thickness</u>	<u>Datum</u>
Mancos	Surface	1362'	4662' K.B.
Dakota *	1362'	100'	3300'
Cedar Mountain *	1462'	90'	3200'
Morrison (Brushy Basin) *	1552'	280'	3110'
(Salt Wash) *	1832'	250'	2830'
Curtis-Summerville	2082'	80'	2580'
Entrada	2162'	—	2500'
Total Depth	2220'		

\* Formations with possible hydrocarbons in paying amounts.

1. It is planned to drill a 11" surface hole for the surface casing down to a depth of about 150 ft. and set 8 5/8 inch casing with approx. 80 sks of cement with returns to the surface. A casing head or flange will be mounted on top of the surface casing and a blowout preventer with blind and pipe rams (hydraulic) will be mounted on top of the blowout preventer. A blewie line, at least 125 ft. long, will then be attached to the rotating head and extended into the reserve pit. B.O.P. will be tested to 2000 lbs. before drilling below surface casing.
2. a 7 7/8" hole will then be drilled below the surface casing, using air for circulation. A flare will be maintained at 500' and below. This will insure that no gas will be missed. The air drilling will

also minimize the damage to the hydrocarbon reservoir. No toxic gases have ever been encountered in this area and none are expected.

3. Samples of the cuttings will begin at 500'. 30-ft. samples will be taken from 500' to 1200', and then 10-ft. samples will be taken from 1200' to total depth.
4. It is planned to drill the well to a depth which is approximately 100 feet below the top of the Entrada formation unless good commercial flow of gas is obtained above this depth.
5. If a high gas flow (several million cubic feet) and/or when the total depth of the well is reached, electric logs will be run. Prior to running logs, high viscosity mud (not less than 100 vis.) will be pumped into the hole to provide control of the gas and to provide a conductive medium for the logs. A dual-induction-latero-log will be run from bottom to the top of the hole, and a gamma-density and compensated neutron porosity log will be run from the bottom to a point which is 150' above the top of the Dakota formation.
6. If good production (over 750 MCF) is obtained, 4½" O.D., 10.50#, K-55, R-3 new casing will be run and cemented conventionally with sufficient R.F.C. cement to cover 200 ft. above the top of the Dakota formation. The production zone will then be perforated, 2 3/8" O.D. tubing run, and completed conventionally.
7. It is anticipated that the drilling of the well will require less than one week.

*W. Don Quigley*

W. Don Quigley  
Consulting Geologist  
Suite 440

57 West South Temple  
Salt Lake City, Utah

84101

## N T L - 6 P L A N R E P O R T

For

Well Name: Inland Fuels Corporation - Federal #23-2Location: SE. SE. Sec. 23, T 20S, R 23E, S.L.M., Grand County, Utah1. Existing Roads: (See attached Maps)

## A. Well Location: (See Plat #1)

Reference Stakes: 150' N-S-E-WPerimeter Stakes: As above. Stakes outline maximum perimeter of well pad.

## B. Route and Distance to Well Site From Reference Point: (See att. maps)

From the E. Cisco Exit on I-70, the site is 4½ miles along secondary and unimproved roads on Cisco Mesa.

## C. Access Roads (Identify secondary roads to be used): (See att. maps)

The Cisco Mesa road going NW. from the E. Cisco Exit is used for the first 2 miles. At a point where the old abandoned railroad bed crosses this road, an old road (now used) takes off to the southwest. This road is followed for a distance of approximately 1½ mile; then a new road (which is flagged) will be built to the NW up a wash for a distance of about ¾ mile to the well site.D. Roads Within 3 mile Radius: (See att. maps) The main Cisco Mesa road (first 2 miles) is a county road, is partially gravelled, graded, crowned, and ditched. All the other roads around the well site are unimproved and are flat with no drainage provisions. The last 2 miles of road will have no improvement. It is on Mancos soil & topography and is on shale and silt in the low areas and on gravel across the surface type and conditions: benches. It crosses Cisco Wash and has grades of about 6% on both sides of the wash.

## E. Roads Within 1 mile Radius: (See att. maps) See 1-D Above.

The roads within 1-mile of the site are mostly dozed trails (old seis trails) dozed across natural topography and soil. The road base is Mancos shale and soil with some gravel and conglomerate on the bench areas. They are normally about 10 ft. wide.F. Plans for Road Improvement & Maintenance: The last two miles of road will be widened to a maximum disturbed width of 20' and flat graded with the dirt pushed to the sides. The portion on the slopes on the

F. banks of the Cisco Wash will be ditched on the bank side to provide drainage. The rest of the road is on benches and along side a wash and across small washes and will be ditched on both sides of the road in these areas. The road base will be cut to the bottom of several shallow washes. There are about 3 of these washes and the cuts will be short (20' or less) and 4' deep at the most.

2. Planned Access Roads: (See att. maps) About 3000' of new road will be built across fairly level Mancos terrain beside a wash by blading a path with a bulldozer.

(1) Width: Maximum disturbed width will be 20 ft.

(2) Maximum Grades: 6% or less

(3) Turnouts: None needed

(4) Drainage Design: None needed

(5) Location and Size of Culverts, Cuts, and Fills: None needed

(6) Surfacing Material: The road is across Mancos shale and soil which is composed of gravel and silt. No other material will be used.

(7) Gates, Cattleguards, or Fence Cuts: None

(8) All new roads have been flagged as required.

3. Location of Existing Wells: (See Map No. 2)

(1) Water Wells: None

(2) Abandoned Wells: See Map #2

(3) Temporarily Abandoned Wells: None

(4) Disposal Wells: None

(5) Drilling Wells: None at present

(6) Producing Wells: Several - See Map #2

(7) Shut-in Wells: Three

(8) Injection Wells: None

(9) Monitoring or Observation Wells: None

4. Location of Existing and/or Proposed Facilities:

A. Within 1-mile radius of location show the following existing facilities owned or controlled by lessee/operator:

(1): Tank Batteries: (Size) None

(2) Production Facilities: None

(3) Oil gathering lines: None

(4) Gas gathering lines: None

(5) Injection lines: None

(6) Disposal lines: None

(7) Are lines buried? No

B. If new facilities are contemplated, in the event of production, show: (These facilities depend on the outcome of the proposed well and are really unknown at this time.) Show a general proposed plan. (See Plat No. 2)

(1) Are any facilities planned off well pad? None at this time. If the well is a successful gas well, a gas gathering line (3½") will have to be laid and connected to the main gas line; but this will be covered by a separate proposed plan, accompanied with maps, surveys, etc., at a later date.

(2) Give dimensions of facilities: See Plat #2

(3) Construction methods and materials: Location will be levelled for production equipment. Tank batteries will be placed on a 3-in. gravel pad and surrounded with an 18" dike (15' from tanks). Separators and heater-treaters will be placed on gravel pads or cement bases. Pump jacks will be on cement platforms or on raised dirt and gravel mounds. All pipe lines on the pad will be buried.

(4) Protective measures for livestock and wildlife: All open pits will be fenced with woven wire (sheep) fence (40") and pump jacks or rotating machinery will have guards to prevent danger by moving parts.

C. Plan for rehabilitation of disturbed areas no longer needed after drilling operations are completed: Well site will be cleaned, levelled, and graded for production equipment; pits folded-in or

C. fenced with woven wire if full of fluid before the rig is moved.  
While production ensues, previous areas of well pad not needed for  
production operations will be restored as in Item 10 below. Cleaning  
the site and pit work will be done within 30 days after the well is  
completed, if possible.

5. Location & Type of Water Supply: (See att. maps)

A. Type of Water Supply: Cisco Springs (natural flow) located in  
Section 9 of T 20S, R 23E. (See Map #3)

B. Method of Transporting Water: The water will be hauled from the spring  
to the well site by truck along the Cisco Mesa road. This will be  
approximately 5 miles from the spring to the well site.

C. Is Water Well Planned? No  
If so, describe location, depth and formation: \_\_\_\_\_

6. Source of Construction Materials:

A. See attached map and describe: None will probably be required, since  
the well will be drilled during the good weather season.

B. Identify if Federal, Indian, or Fee Land: \_\_\_\_\_

C. Describe Material: (Where from and how used) \_\_\_\_\_

D. See item 1-C and 2 above.

7. Waste Disposal:

- (1) Cuttings: The cuttings will be blown into the reserve pit, and the  
blewie line will be directed into the cut portion of the pit.
- (2) Drilling Fluids: In mud tanks; excess put into reserve pit.
- (3) Producing Fluids (oil or water) Oil in tanks; water in reserve pit.
- (4) Human Waste: Toilet with pit (4' deep) with lime for odor and sani-  
tation control. Will be covered with soil (3' deep) at end of operation.

(prior to commencement  
of drilling)

(5) Garbage & Other Waste: (Burn pit will be adequately fenced with chicken wire to prevent scattering of debris by wind) Into burn pit, (4'X6'X6' deep) and burned periodically. The burn pit will be approx. 125' from well head.

(6) Clean-up: (See item 10 below) All garbage and unburned debris will be buried by at least 3 ft. of cover after the drilling and completion operations are finished. The unused material and all equipment will be removed from the site and taken to supply yards or to the next drill site, as soon as the well is completed.

8. Airstrips and/or Camp Sites (Describe): None needed.

9. Well Site Layout: (See Plat No. 3)

(1) Describe cuts or fills: The location is on a small knoll, which will be levelled to the sides after the top soil has been removed. The north side will have about 2 ft. of fill.

(2) Describe pits, living facilities, soil stockpiles: Reserve pit is long and narrow as shown, and will be placed in a natural depression on the north side. Excavated material will be piled at the north end of pit. Top soil, mostly gravel (12" deep), will be piled at the west and east end of the site. Two or three trailer houses will be provided for the supervisory personnel.

(3) Rig Orientation, Pipe rack, Access Road Entrance, etc.: (See Plat #3)

(4) Are Pits Lined? Unlined with 4-ft. banks.

10. Plans For Restoration:

A. If Well is completed: Site will be cleaned, debris removed, pits folded-in or fenced with woven wire if full of fluid, and site levelled for production equipment. All unused portions will be contoured, graded, scarred, and seeded with wheat grass, or acceptable seed mix authorized by BLM.

B. If Well is abandoned:

(1) Clean-up, levelling, folding pits-in, contouring: These items will be done as soon as possible. Clean-up will be accomplished at

B. (1) time rig is removed. The rest of the work should be done within 10 to 60 days after well is completed.

(2) Seeding location and access road: Site will be seeded with crested wheat grass, or with a seed mix suggested by BLM by hand broadcasting and then scarred with a dozer or spike-toothed drag. The access road, if no longer needed, will be erased, contoured, seeded, and scarred as above. Water bars will be placed where needed.

(3) Will pits be fenced or covered? If there is a large amount of fluid in the reserve pit, it will be fenced with woven wire before rig is released & remain fenced until the fluid dries up & the pit is re-  
(4) Is there any oil in reserve pit? \_\_\_\_\_ claimed.

If so, describe disposal: Should not be any great amount. If there is a large amount, it will be removed prior to covering pit.

(5) When will restoration work be done? As soon as possible. Within 60 days after equipment is removed if weather and availability of clean-up equipment permit and will be completed within 10 days thereafter.

11. Description of Land Surface:

(1) Topography & Surface Vegetation: Location is on a small knoll with shallow depressions on the sides, and in the center of a low ridge, and is on typical Mancos soil and gravel. Sparse sage brush, shad scale, grass and tumble weed are present.

(2) Other Surface Activities & Ownership: The land around the drill site is federal land with minerals and surface owned by the public. Inland Fuels Corp. has an oil and gas lease on the S $\frac{1}{2}$  of Sec. 23. The area does have some grazing by sheep. There are no powerlines, powersites, irrigation ditches or cultivation in the area.

(3) Describe other dwellings, archaeological, historical, or cultural sites: There are no known buildings, archaeological, historical or cultural sites in the area. An abandoned railroad bed is located in Sec. 19 and 25 to the east and south of the proposed well site. Other oil and gas well drilling and production are present in the general area.

12. Operators Representative: (Address & Phone number)

W. Don Quigley, Suite 440, 57 W. So. Temple, Salt Lake City, Utah 84101  
801-359-3575

13. Certification:

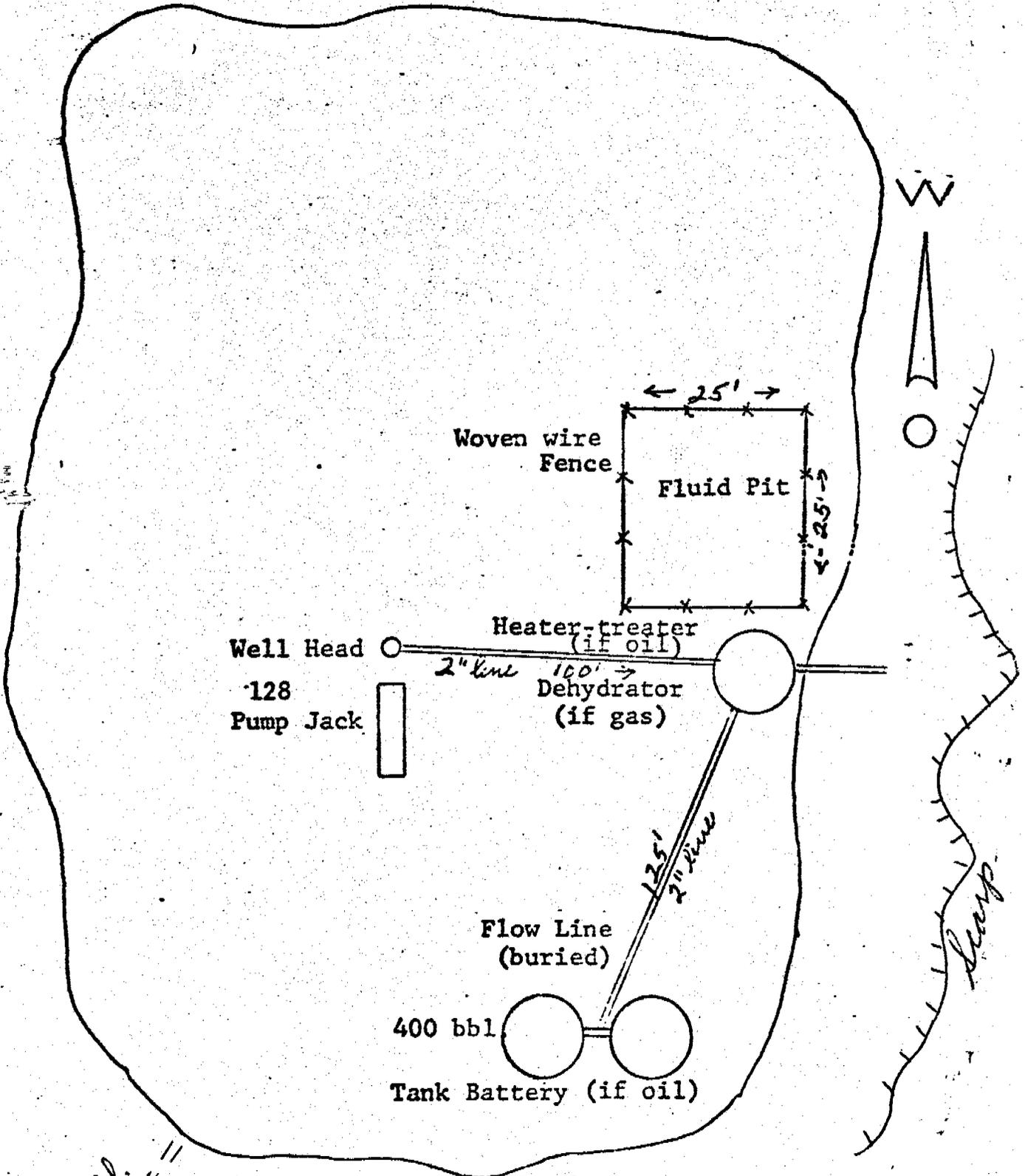
I hereby certify that I, or persons under my direct supervision, have inspected the drill site and access route; that I am familiar with the conditions which presently exist; that statements made in this plan are, to the best of my knowledge, true and correct; and that work associated with the operations proposed herein will be performed by Inland Fuels Corporation and its contractors in conformity with this plan and terms and conditions under which it is approved.

Date: July 3, 1979

Name: H. Don Guigley

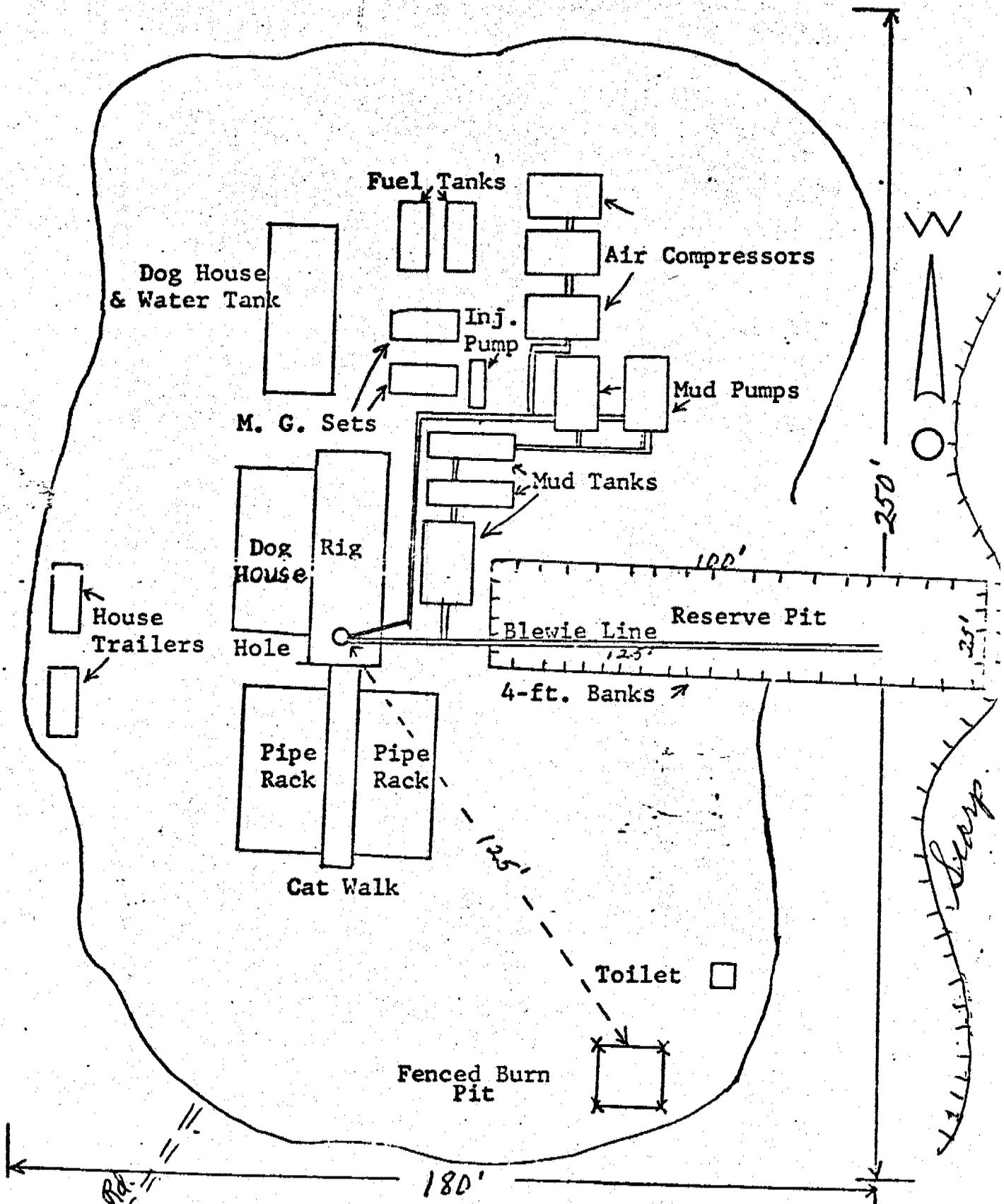
Title: Geological Consultant

PLAN FOR PRODUCTION EQUIPMENT  
INLAND FUELS CORP.  
FEDERAL #23-2 WELL  
SE. SE. SEC. 23-20S-23E.



Scale: 1 in. = 30 ft.

LOCATION PLAN FOR  
 INLAND FUELS CORP.  
 FEDERAL #23-2 WELL  
 SE. SE. SEC. 23-20S-23E.



Scale: 1 in. = approx. 30 ft.

Plat No. 3

WELL CONTROL EQUIPMENT FOR  
INLAND FUELS CORP.  
FEDERAL #23-2 WELL  
SE. SE, SEC. 23-20S-23E.  
GRAND COUNTY, UTAH

The following control equipment is planned for the above designated well: (See attached diagram)

1. Surface Casing:

- A. Hole size for surface casing is 11".
- B. Setting depth for surface casing is approx. 200 ft.
- C. Casing specs. are:  $\varnothing$  5/8" O.D., K-55, 24.00#, 8 rd. thread, R-3 new or used.
- D. Anticipated pressure at setting depth is approx. 20 lbs.
- E. Casing will be run using three centralizers and a guide shoe, and will be cemented with 75 sks of cement with returns to the surface.
- F. Top of the casing will be near ground level.

2. Casing Head:

Flange size: 10", A.P.I. Pressure rating: 2000# W.P., Series 600; Cameron, OCT, or equivalent; new or used; equipped w/two 2" ports with nipples and 2", 2000# W.P. ball or plug valves. Casing head and valves set above ground level. (A flange only may be used on top of the casing, if the B.O.P. is equipped with 2" outlets below the blind rams.)

3. Intermediate Casing:

None

4. Blowout Preventors:

- A. Double rams; hydraulic; one set of blind rams; one set of rams for 3½" or 4" drill pipe; 10" flange; 2000# or greater W.P.; Series 900; equipped with mechanical wheels and rod for back-up; set on top of casing head flange and securely bolted down, and pressure tested for leaks up to 2000# p.s.i. A hydraulically operated hy-drill may be used in place of the above B.O.P., if equipped with 2" outlets below the rams. B.O.P. will be tested for leaks at 2000# p.s.i. prior to drilling below surface casing.
- B. Rotating Head: Shaffer, Grants or equivalent; set on top of blowout preventor and bolted securely; complete with kelly drive, pressure lubricator; 3½" or 4" rubber for

2000# W.P.; need not have hydril assembly on bottom, if a separate hydril or B.O.P. is used.

- C. **Fill and Kill Lines:** The fill and kill lines (2" tubing or heavy duty line pipe) are to be connected thru the 2" valves on the casing head and thru a manifold to permit ready switching from the fill to kill lines.

5. Auxillary Equipment:

A float valve is to be used in the bottom drill collar at all times. A safety valve that can be used in the drill pipe will be kept within easy reach on the rig floor at all times.

6. Anticipated Pressures:

The shut-in pressures of the Dakota, Cedar Mountain, and Morrison formations at depths of 2000' to 3000' in the area have been measured at about 500# to 800# maximum. No toxic gases have ever been encountered in the area and none are anticipated.

7. Drilling Fluids:

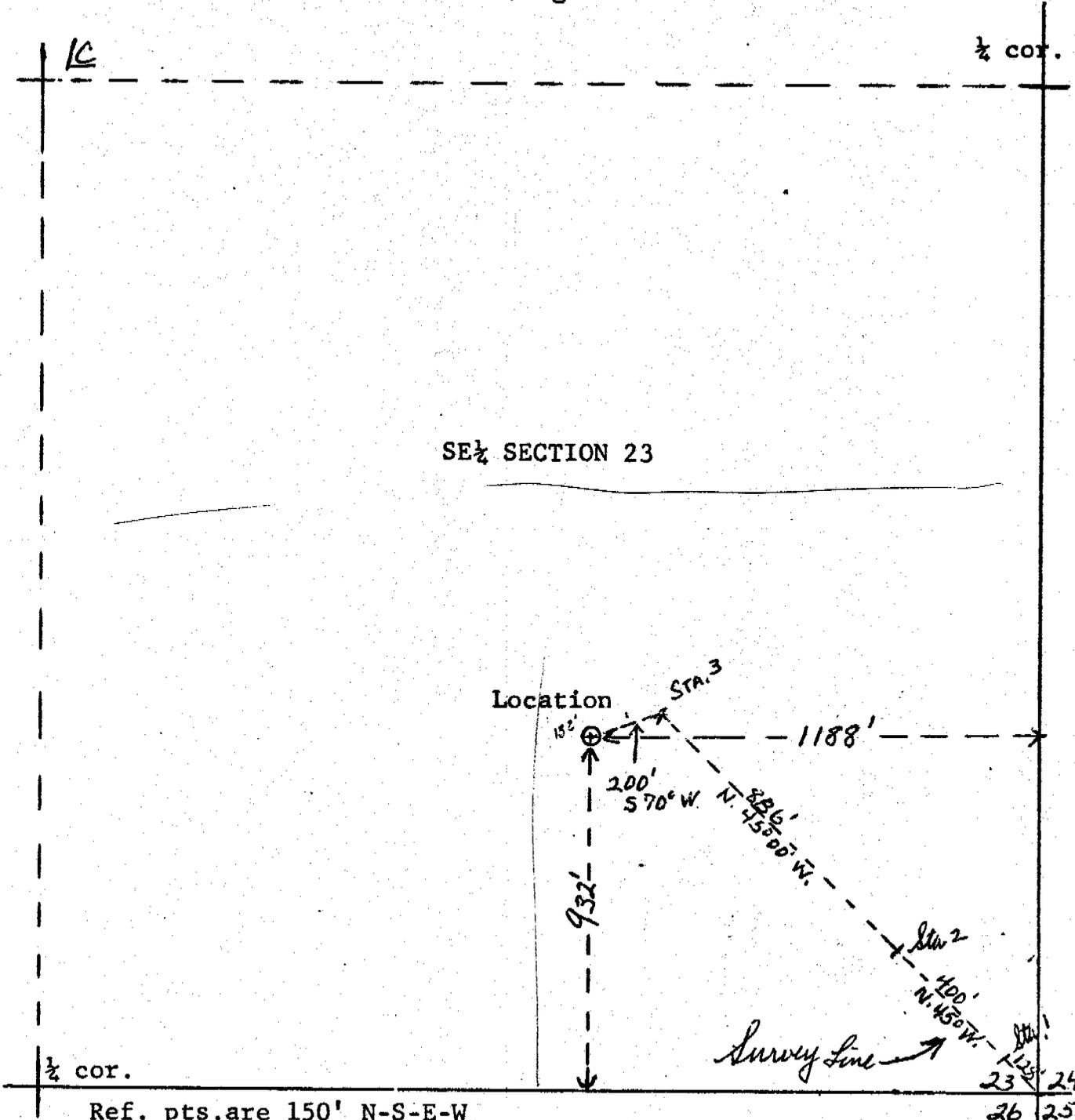
Air will be used to drill the subject well until water is encountered, then air-soap-water mist will be used to drill the well deeper. In case of excessive caving problems, it may be necessary to convert to mud.

8. Production Casing:

- A. Hole size for production casing will be 6½".  
B. Approx. setting depth will be about 3500'.  
C. Casing Specs. are: 4½" O.D.; K-55; 10.50#; 8-rd thread; R-3, new.  
D. If good production is obtained, the casing will be run with a guide shoe at the bottom and about six centralizers and cemented conventionally with sufficient R.F.C. cement to cover 200 ft. above the top of the Dakota formation. The production zone will be perforated, 2 3/8" O.D. tubing will be run, and the well completed conventionally. In the event the production is small, it may be desirable to minimize the damage to the formation by keeping all mud and cement off the formation. In this case the procedure outlined below will be used.  
E. Casing will be run with about six centralizers and a cement basket with DV tool set above the production zone.

There will be sufficient casing to extend thru the production zone below the basket with a blind guide shoe on the bottom. The casing will be cemented above the packer with about 85 sks of cement (sufficient to cement thru the Dakota formation). The cement will be allowed to cure at least 48 hrs. The plug can then be drilled out and the casing perforated below the DV tool. Two inch tubing will be run and secured in the tubing head prior to perforating.

LOCATION PLAT FOR  
 INLAND FUELS CORPORATION  
 FED.#23-2 WELL  
 SE.SE.SEC.23-20S-23E  
 (1188' fr.E-line & 932' fr.S-line)  
 GRAND COUNTY,UTAH  
 Elev.: 4652'grd.



SE 1/4 SECTION 23

Ref. pts. are 150' N-S-E-W

Scale: 1 in. = 400 ft.  
 Date: June 15, 1979

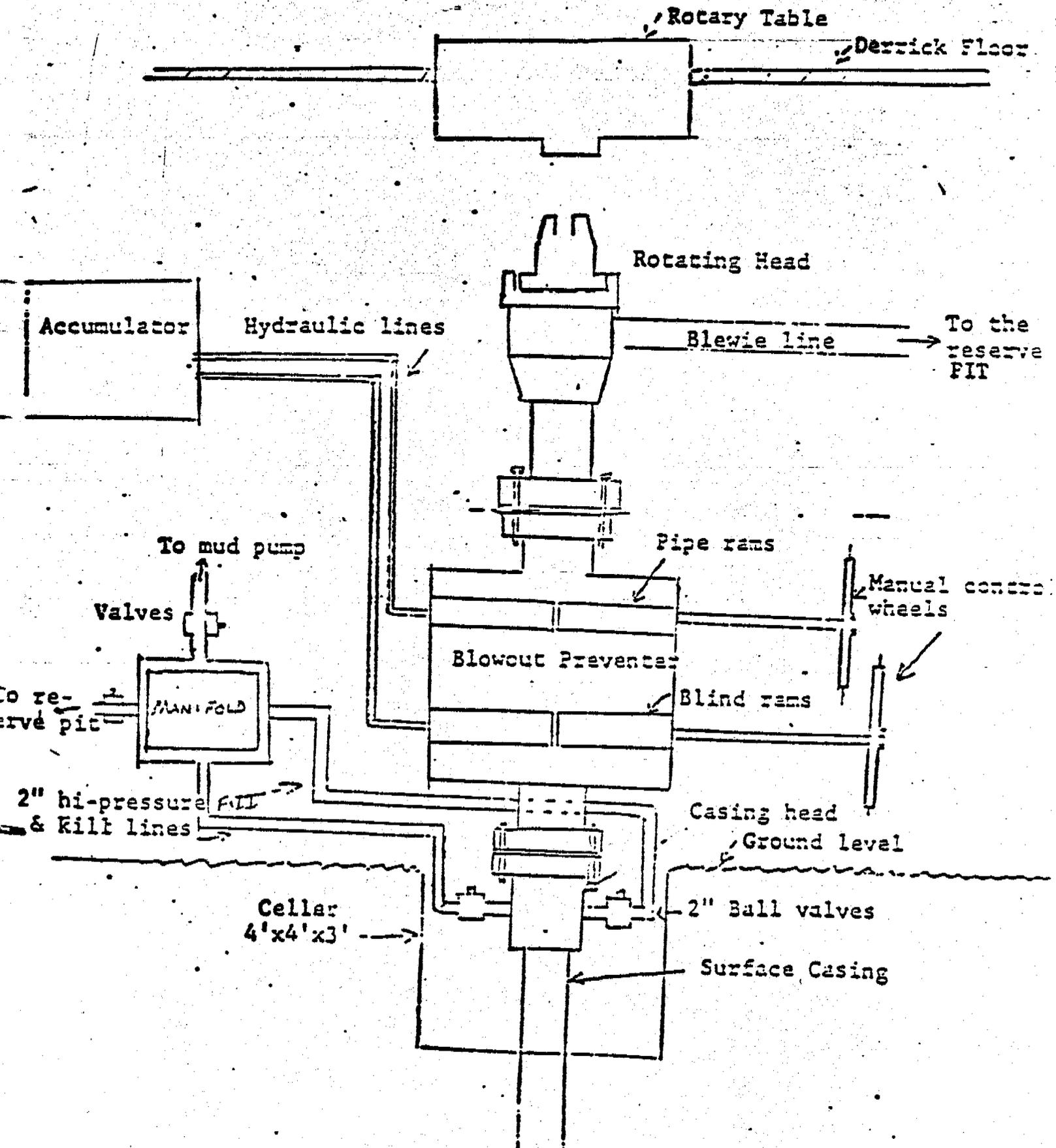
I, Sherman D. Gardner, do hereby certify that this plat was plotted from notes of a field survey made under my direct supervision, responsibility and checking on May 30, 1979

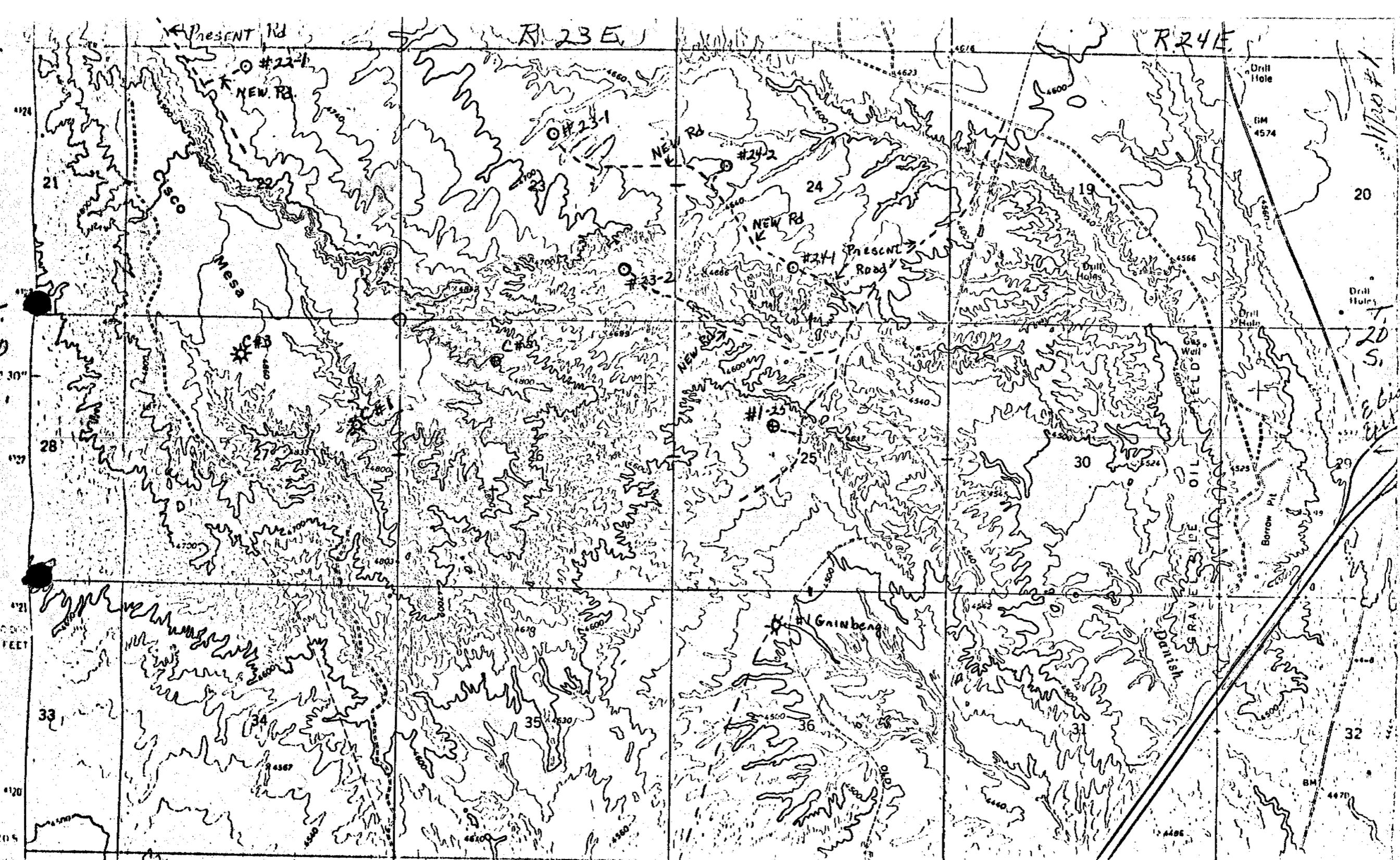
*Sherman D. Gardner*  
 Registered Land Surveyor  
 State of Utah #1556

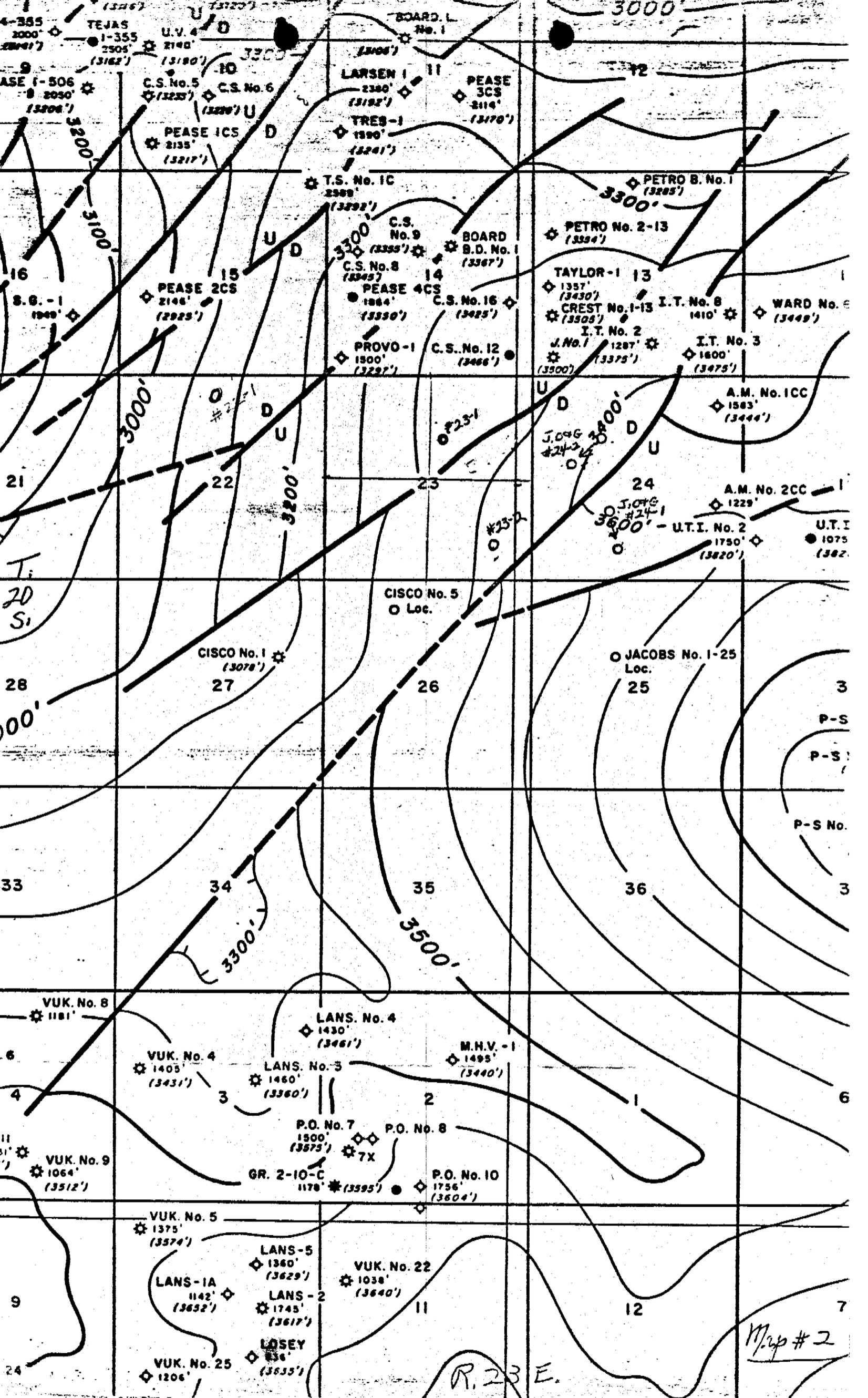
PLAT NO. 1

**SCHEMATIC DIAGRAM OF  
CONTROL EQUIPMENT FOR**

**INLAND FUELS CORP.  
FEDERAL #23-2 WELL  
SE. SE. SEC. 23-20S-23E.**







4-385  
2000'  
224017

ASE (-506  
2050'  
13204')

3200'  
3100'

16  
S.G. -1  
1949'

21

22

23

24

25

26

27

28

33

34

35

36

3

P-S

P-S

P-S No.

TEJAS  
U.V. 4  
2140'  
13180'

C.S. No. 5  
2125'  
13225'

PEASE 1CS  
2155'  
13217'

PEASE 2CS  
2146'  
13225'

CISCO No. 1  
3078'

VUK. No. 4  
1405'  
13431'

VUK. No. 5  
1375'  
13574'

VUK. No. 9  
1064'  
13512'

LANS-1A  
1142'  
13652'

VUK. No. 25  
1206'

3300'

C.S. No. 6  
13220'

T.S. No. 1C  
2388'  
13292'

C.S. No. 9  
2355'  
13355'

C.S. No. 8  
1864'  
13350'

PROVO-1  
1500'  
13227'

CISCO No. 5  
Loc.

LANS. No. 4  
1430'  
13461'

LANS. No. 3  
1460'  
13360'

P.O. No. 7  
1500'  
13875'

GR. 2-10-C  
1178'  
13595'

LANS-5  
1360'  
13629'

LANS-2  
1745'  
13617'

LOSEY  
136'

VUK. No. 22  
1038'  
13640'

BOARD L  
No. 1

LARSEN 1  
2380'  
13192'

TRES-1  
1590'  
13241'

C.S. No. 16  
13495'

C.S. No. 12  
13466'

CISCO No. 5  
Loc.

LANS. No. 4  
1430'  
13461'

LANS. No. 3  
1460'  
13360'

P.O. No. 7  
1500'  
13875'

GR. 2-10-C  
1178'  
13595'

LANS-5  
1360'  
13629'

LANS-2  
1745'  
13617'

LOSEY  
136'

VUK. No. 22  
1038'  
13640'

PEASE  
3CS  
2116'  
13170'

BOARD B.D. No. 1  
13367'

C.S. No. 16  
13495'

C.S. No. 12  
13466'

CISCO No. 5  
Loc.

LANS. No. 4  
1430'  
13461'

LANS. No. 3  
1460'  
13360'

P.O. No. 7  
1500'  
13875'

GR. 2-10-C  
1178'  
13595'

LANS-5  
1360'  
13629'

LANS-2  
1745'  
13617'

LOSEY  
136'

VUK. No. 22  
1038'  
13640'

3000'

PETRO B. No. 1  
13285'

PETRO No. 2-13  
13354'

TAYLOR-1  
1357'  
13430'

CREST No. 1-13  
13305'

I.T. No. 2  
1287'  
13375'

JACOBS No. 1-25  
Loc.

LANS. No. 4  
1430'  
13461'

LANS. No. 3  
1460'  
13360'

P.O. No. 7  
1500'  
13875'

GR. 2-10-C  
1178'  
13595'

LANS-5  
1360'  
13629'

LANS-2  
1745'  
13617'

LOSEY  
136'

VUK. No. 22  
1038'  
13640'

3000'

WARD No. 6  
13449'

I.T. No. 8  
1410'

I.T. No. 3  
1600'  
13475'

A.M. No. 1CC  
1583'  
13444'

A.M. No. 2CC  
1229'

U.T.I. No. 2  
1750'  
13820'

U.T.I.  
1075'  
1382'

LANS. No. 4  
1430'  
13461'

LANS. No. 3  
1460'  
13360'

P.O. No. 7  
1500'  
13875'

GR. 2-10-C  
1178'  
13595'

LANS-5  
1360'  
13629'

LANS-2  
1745'  
13617'

LOSEY  
136'

VUK. No. 22  
1038'  
13640'

3000'

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3000'

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Map # 2

R. 23 E.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Inland Fuels

WELL NAME: Federal #23-2

SECTION 23 SE SE TOWNSHIP 20S RANGE 23E COUNTY Grand

DRILLING CONTRACTOR \_\_\_\_\_

RIG # \_\_\_\_\_

SPUDDED: DATE 11/26/79

TIME p.m.

How rotary

DRILLING WILL COMMENCE ASAP

REPORTED BY \_\_\_\_\_

TELEPHONE # \_\_\_\_\_

DATE November 26, 1979

SIGNED Original Signed By M. T. Minder

cc: USGS



SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH

CHARLES R. HENDERSON  
*Chairman*

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
*Director*

1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
CONSTANCE K. LUNDBERG  
EDWARD T. BECK  
E. STEELE McINTYRE

March 14, 1980

Inland Fuels Corp.  
2121 So. Columbia  
Tulsa, Oklahoma 74114

Re: Well No. Fed. #23-2  
Sec. 23, T. 20S, R. 23E.  
Grand County, Utah  
November 1979-February 1980

Well No. Fed. 23-1  
Sec. 23, T. 20S, R. 23E.  
Grand County, Utah  
December 1979-February 1980

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

JANICE TABISH  
CLERK TYPIST

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

3. LEASE DESIGNATION AND SERIAL NO.

U-42223

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

FEDERAL

9. WELL NO.

FEDERAL #23-2

10. FIELD AND POOL, OR WILDCAT

CISCO SPRINGS

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

SUNDRY NOTICES AND REPORTS ON WELLS  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
INLAND FUELS CORPORATION

3. ADDRESS OF OPERATOR  
2121 SOUTH COLUMBIA STREET, TULSA, OKLA. 74114

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
SE. SE. SECTION 23, T 20S, R 23E, S.L.M.  
1120' fr. E-line and 932' fr. S-line

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, NT, GR, etc.)  
4652' GRD; 4662' K.B.

12. COUNTY OR PARISH 13. STATE  
GRAND UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)   
PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other) INFORMATION   
REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The subject well was spudded in on November 26, 1979 and drilled to a total depth of 1420' on November 30, 1979. Quit drilling when oil flowed to surface. Ran 4½" casing and landed at 1415' K.B. but did not cement. Bottom joint slotted. Surface casing, 8 5/8", 24.00#, K-55, R-3, set at 162' K.B. and cemented with 130 sks reg. cement with returns to surface. The well was drilled about 35 ft. into the Dakota formation.

The subject well will be completed pending weather conditions. No average rate of production is available at this time.

RECEIVED  
APR 15 1980

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED H. New England TITLE Consultant DATE April 12, 1980

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

November 19, 1980

Walter D. Cowling  
Inland Fuels Corp.  
2122 S. Columbia St.  
Tulsa, Oklahoma 74114

RE: WELL No. Fed. #23-2  
Sec. 23, T. 20S, R. 23E,  
Grand County, Utah  
SECOND NOTICE!!!!!!

November 1979 thru October 1980

Gentlemen:

~~Our~~ Records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed ~~on~~ Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or ~~an~~ company forms containing substantially the same information. We are enclosing forms for your convenience.

Your immediate attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

*Debbie Beauregard*

DEBBIE BEAUREGARD  
CLERK TYPIST

DAVID H. MONNICH

December 17, 1980

Ms. Debbie Beauregard  
State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

DIVISION OF  
OIL, GAS & MINING

DEC 22 1980

RECEIVED

Ms. Beauregard--

As you requested in your letters of November 19, 1980, I am attaching Form OGC-3 in duplicate for Well No. Federal #23-1, Grand County, Utah and Form OGC-1B in triplicate for Well No. Federal #23-2, Grand County, Utah.

If you have any questions, please call me at 214-242-0644.

Sincerely,



Nell Holland for  
David H. Monnich

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO. U42223
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Federal
9. WELL NO. Federal #23-2
10. FIELD AND POOL, OR WILDCAT Cisco Springs
11. SEC., T., R., M., OR B.L.K. AND SUBVY OR AREA Sec. 23, T.20S, R.23E
12. COUNTY OR PARISH Grand
13. STATE Utah

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Inland Fuels Corporation

3. ADDRESS OF OPERATOR  
2121 South Columbia Street, Tulsa, Okla 74114

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
SE SE Section 23, T20S, R23E, S.L.M.  
1120' fr. E. line and 932' fr. S-line

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
4652' GRD; 4662' K.B.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Since November 1979 this well has been standing idle trying to decide further treatment. We recently decided to acidize well. If this does not work, we will abandon. If you need further information, please call David Monnich at 214-242-0644.

DIVISION OF OIL, GAS & MINING

DEC 22 1980

RECEIVED

18. I hereby certify that the foregoing is true and correct  
SIGNED David Monnich TITLE owner DATE December 16, 1980

(This space for Federal or State office use)  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

May 19, 1981

Inland Fuels Corporation  
2121 South Columbia Street  
Tulsa, Oklahoma 74114

Re: Well No. Federal #23-2  
Sec. 23, T.20S. R.23E.  
Grand County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



SANDY BATES  
CLERK-TYPIST

DAVID H. MONNICH

June 5, 1981

RECEIVED

JUN 8 1981

Ms. Sandy Bates  
State of Utah  
Department of Natural Resources  
Division of Oil, Gas, and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

DIVISION OF  
OIL, GAS & MINING

Reference: Well No. Federal #23-2  
Sec. 23, T.20S. R.23E.  
Grand County, Utah

Dear Ms. Bates:

I am enclosing the completed form OGC-3,  
in duplicate, as you requested in your letter of  
May 19, 1981.

Sincerely,

Nell Holland for  
David H. Monnich

Attachments

RECEIVED

SUBMIT IN DUPLICATE\*

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

U42223

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
JUN 8

8. FARM OR LEASE NAME  
Federal

9. WELL NO. DIVISION OF  
23-2 OIL, GAS & MINING

10. FIELD AND POOL, OR WILDCAT  
Cisco Springs

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

SE.SE Sec 23-20S-23E S.L.M.

12. COUNTY OR PARISH  
Grand

13. STATE  
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
Inland Fuels Corporation

3. ADDRESS OF OPERATOR  
2121 South Columbia, Tulsa, Oklahoma 74114

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface SE.SE. Section 23, 20S, R23E, S.L.M.  
At top prod. interval reported below  
At total depth 1120' fr. E-line and 932' fr. S-line

14. PERMIT NO. 93-019-30543 | DATE ISSUED 9-19-79

15. DATE SPUNDED 12/79 | 16. DATE T.D. REACHED 12-8072 | 17. DATE COMPL. (Ready to prod.) | 18. ELEVATIONS (DF, RSB, RT, GR, ETC.)\* 4652' GRD; 4662' K.B. | 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 1431' | 21. PLUG, BACK T.D., MD & TVD | 22. IF MULTIPLE COMPL., HOW MANY\* | 23. INTERVALS DRILLED BY | ROTARY TOOLS | CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* | 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN Electric | 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24.00#	150'	11"		
4 1/2"	10.50#	thru pay zones			

29. LINER RECORD | 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
		Temporarily Abandoned*

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) | TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED David M. Moulton | TITLE Owner | DATE 6/5/81

\*(See Instructions and Spaces for Additional Data on Reverse Side)

\*We plan to re-enter well after more geological data is obtained.

July 6, 1981

Inland Fuels Corporation  
2121 South Columbia,  
Tulsa, Oklahoma 74114

Re: Well No. Federal #23-2  
Sec. 23, T. 20S, R. 23E  
Grand County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office 6-5-81, from above referred to well indicates the following electric logs were run: Electric. As of today's date this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Sandy Bates  
Clerk-Typist

/lm



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

April 26, 1982

Inland Fuels Corporation  
2121 South Columbia  
Tulsa, Oklahoma 74114

Re: Well No. Federal 23-2  
Sec. 23, T. 20S, R. 23E.  
Grand County, Utah

Gentlemen:

The above referred to well has been currently under a temporarily abandoned status for six months or longer. Please inform this office of the current status of this well location and send in the necessary required papers.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse  
Clerk Typist

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Ambra Oil & Gas Company

3. ADDRESS OF OPERATOR  
47 West 2nd South, Suite 510, SLC, UT 84101

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: Sec. 23, T20S R23E  
AT TOP PROD. INTERVAL: 937' FSL 1120' FEL  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON* <input type="checkbox"/>			<input type="checkbox"/>
(other) Temporary Shut-In	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE U-42223	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
7. UNIT AGREEMENT NAME N/A	
8. FARM OR LEASE NAME INLAND FUELS	
9. WELL NO. Federal 23-2	
10. FIELD OR WILDCAT NAME Cisco Springs	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23 T20S R23E	
12. COUNTY OR PARISH Grand	13. STATE Utah
14. API NO. 43-019-30543	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 4652' GR 4662' KB	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well will soon be evaluated for any future commercial potential. Well is currently on lease that is HBP. A Sundry will be submitted as soon as evaluation is planned.

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**  
DATE: 6/4/82  
BY: [Signature]

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Production Manager DATE May 28, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. <input checked="" type="checkbox"/> OIL WELL    <input type="checkbox"/> GAS WELL    <input type="checkbox"/> OTHER    <u>Temporarily Shut-In</u></p> <p>2. NAME OF OPERATOR <u>AMBRA OIL &amp; GAS COMPANY</u></p> <p>3. ADDRESS OF OPERATOR <u>47 West 2nd South, Suite 510, Salt Lake City, Utah 84101</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <u>Sec. 23, T20S R23E</u> <u>937' FSL 1120' FEL</u></p> <p>14. PERMIT NO. _____</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. <u>U-42223</u></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>N/A</u></p> <p>7. UNIT AGREEMENT NAME <u>N/A</u></p> <p>8. FARM OR LEASE NAME <u>INLAND FUELS FEDERAL</u></p> <p>9. WELL NO. <u>23-2</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>Cisco Springs</u></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 23, T20S, R23E</u></p> <p>12. COUNTY OR PARISH    13. STATE <u>Grand</u>                      <u>Utah</u></p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>4652' GR 4662' KB</u></p>		

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>CHANGE OF OPERATOR</u> <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

PLEASE BE ADVISED THAT THIS LEASE HAS BEEN PURCHASED BY AMBRA OIL & GAS COMPANY FROM THE INLAND FUELS CORPORATION AND AMBRA OIL & GAS COMPANY ARE NOW THE OPERATORS OF THIS WELL.

ALL FIELD PERSONNEL HAVE BEEN NOTIFIED, i.e., BLM, USGS, etc.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE PRODUCTION MANAGER DATE June 24, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1. OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> U-42223
<b>2. NAME OF OPERATOR</b> Ambra Oil & Gas Company		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> NA
<b>3. ADDRESS OF OPERATOR</b> 47 W. 200 S., Suite 510 Salt Lake City, UT 84101		<b>7. UNIT AGREEMENT NAME</b> NA
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)</b> At surface 937' FSL 1120' FEL		<b>8. FARM OR LEASE NAME</b> Ambra Inland Fuels
<b>14. PERMIT NO.</b> API No. 43-019-30543	<b>15. ELEVATIONS (Show whether OF, FT, GR, etc.)</b> 4652' GR 4662' KB	<b>9. WELL NO.</b> 23-2
		<b>10. FIELD AND POOL, OR WILDCAT</b> Greater Cisco Area
		<b>11. SEC., T., R., M., OR BLM. AND SURVEY OR ABMA</b> Sec. 23, T20S R23E
		<b>12. COUNTY OR PARISH</b> <b>13. STATE</b> Grand Utah

**16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____ <input type="checkbox"/>	
(Other) Change of well classification <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

**17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\***

Please reclassify this well as an oil well and not as a gas well.

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**

DATE: 4-7-83  
BY: [Signature]

**18. I hereby certify that the foregoing is true and correct**

SIGNED Desley Pittingell TITLE Exploration Vice-President DATE April 6, 1983

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

April 22, 1983

Ambra Oil & Gas Company  
47 West 200 South, Suite # 510  
Salt Lake City, Utah 84101

Re: Well No. Tumbleweed # 21-1-80B  
Sec. 21, T. 20S, R. 21E.  
Grand County, Utah

Well No. TXO # 15-1-80A  
Sec. 15, T. 20S, R. 23E.  
Grand County, Utah

Well No. Federal # 23-2  
Sec. 23, T. 20S, R. 23E.  
Grand County, Utah

Well No. Ambra IF # 23-5  
Sec. 23, T. 20S, R. 23E.  
Grand County, Utah

Gentlemen:

The above referred to wells have been currently under a temporarily abandoned status for six months or longer. Would you be kind enough to inform this office of a change in status, or let us know if they are still temporarily abandoned, submitted on a Sundry Notice (Form OGC-1B, enclosed).

Thank you for your prompt attention to the above submittal.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Well Records Specialist

CF/cf  
Enclosures



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 9, 1983

Ambra Oil & Gas Company  
47 West 200 South, Suite # 510  
Salt Lake City, Utah 84101

## 2nd NOTICE

Re: Well No. Federal # 23-2  
932' FSL, 1120' FEL  
SE SE, Sec. 23, T. 20S, R. 23E.  
Grand County, Utah

Well No. Federal # 23-5  
1980' FSL, 1830' FEL  
NW SE, Sec. 23, T. 20S, R. 23E.  
Grand County, Utah

Gentlemen:

The above referred to wells have been currently under a temporarily abandoned status for six months or longer. Would you be kind enough to inform this office of a change in status, or let us know if they are still temporarily abandoned, submitted on a Sundry Notice (Form OGC-1B, enclosed).

**\*\*You are in violation with the above rule. If you wish to continue developing business in the State of Utah, compliance with pertinent rules and regulations is essential. Further delay in your attention to this matter may result in punitive action. Please submit the required information as stated above within fifteen (15) days.**

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Well Records Specialist

CF/cf  
Enclosure

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-42223
2. NAME OF OPERATOR Ambra Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
3. ADDRESS OF OPERATOR 47 W. 200 S., Suite 510 Salt Lake City, UT 84101		7. UNIT AGREEMENT NAME NA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1120' FEL 932' FSL, SE $\frac{1}{4}$ SE $\frac{1}{4}$		8. FARM OR LEASE NAME Inland Fuels
14. PERMIT NO. 43-019-30543		9. WELL NO. 23-2
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 4652' GR		10. FIELD AND POOL, OR WILDCAT Greater Cisco Area
		11. SEC., T., R., M., OR B.L.E. AND SUBST OR AREA Sec. 23, T20S R23E
		12. COUNTY OR PARISH Grand
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

In response to your letter of September 9, 1983, this well remains in a temporarily abandoned status.

RECEIVED  
SEP 20 1983  
DIVISION OF  
OIL, GAS, AND MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Juda Conde TITLE Production Manager DATE September 16, 1983

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
COMMENTS OF APPROVAL, IF ANY:

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPlicate  
(Other instructions on re-verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
**Ambra Oil and Gas Company**

3. ADDRESS OF OPERATOR  
**47 W., 200 S., Suite 510, Salt Lake City, UT 84101**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
**1120' FEL 932' FSL, SESE**

14. PERMIT NO.  
**43-019-30543**

15. ELEVATIONS (Show whether DF, ST, GR, etc.)  
**4652' GR**

5. LEASE DESIGNATION AND SERIAL NO.  
**U-42223**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**NA**

7. UNIT AGREEMENT NAME  
**NA**

8. FARM OR LEASE NAME  
**Inland Fuels**

9. WELL NO.  
**23-2**

10. FIELD AND POOL, OR WILDCAT  
**Greater Cisco Area**

11. SEC., T., R., M., OR BLK. AND SUBVY OR AREA  
**sec 23, T 20 S, R 23 E**

12. COUNTY OR PARISH  
**Grand**

13. STATE  
**Utah**

**Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input checked="" type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**PROCEDURE:** Pull all 4 1/4" casing and set following cement plugs:  
 #1 1431' to 1231' with 24 sacks Class "H"  
 #2 200' to 100' with 23 sacks Class "H"  
 #3 50' to surface with 17 sacks Class "H"  
 10# mud between plugs  
 Recontour and revegetate well pad as per Blm specifications with regulation P&A marker

**WELL DATA:** 150' 8 5/8" 24# surface casing cemented to surface  
 6 3/4" hole drilled to T.D. (1431')

**FORMATIONS:** Mancos - surface  
 Dakota - 1396'

*Note:*  
Federal approval is required.

**ACCEPTED**  
**APPROVED BY THE STATE**  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING

**RECEIVED**  
 AUG 23 1984

DATE: 7/24/84  
 BY: John R. Deja DIVISION OF OIL & GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Pam Adamson TITLE Exploration Assistant DATE 8/22/84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN STATE  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-42223

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Inland Fuels

9. WELL NO.

Inland Fuels 23-2

10. FIELD AND POOL, OR WILDCAT

Greater Cisco Area

11. SEC., T., R. M., OR BLK. AND SURVEY OR AREA

Sec. 23, T20S, R23E

12. COUNTY OR PARISH 13. STATE

Grand

Utah

SUNDRY NOTICES AND REPORTS ON WELLS  
(Do not use this form for proposals to drill or to deepen or plug for a new or existing reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

RECEIVED

MAY 17 1985

DIVISION OF OIL  
AND GAS

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
AMBRA OIL AND GAS COMPANY

3. ADDRESS OF OPERATOR  
47 West 200 South, Suite 510, Salt Lake City, Utah 84101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
1120' FEL 932' FSL, SE $\frac{1}{4}$ SE $\frac{1}{4}$

14. PERMIT NO.  
43-019-30543

15. ELEVATIONS (Show whether OF, RT, GR, etc.)  
4652' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This well was plugged on October 23, 1984 in the following manner:

Pull all 4 $\frac{1}{4}$ " casing and set following cement plugs:

- #1 1431' - 1231' with 24 sacks Class "H"
  - #2 200' - 100' with 23 sacks Class "H"
  - #3 50' - surface with 17 sacks Class "H"
- 10# mud between plugs.

This location has been rehabilitated and reseeded according to BLM stipulations and is now ready for final inspection.

18. I hereby certify that the foregoing is true and correct

SIGNED Jennifer A. Winters TITLE Production Clerk

DATE 5/16/85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side